

ABSTRACT OF THE DISCLOSURE

A method and apparatus for deinterlacing a picture is disclosed. The method generally includes the steps of (A) calculating a plurality of differences among a plurality of current samples from a current field of the picture, the differences being
5 calculated along a plurality of line segments at a plurality of angles proximate a particular position between two field lines from the current field, (B) generating a first sample at the particular position by vertical filtering the current field in response to the differences indicating that the particular position is a non-edge
10 position in the picture and (C) generating a second sample at the particular position by directional filtering the current field in response to the differences indicating that the particular position is an edge position in the picture.